AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-23. (Cancelled)

24. (Currently Amended) A recombinant animal cell, comprising an animal cell that has been obtained from a mammal, ~~characterized by being~~ and has been transformed ~~in such a manner that~~with a gene encoding a production amount potentiating factor ~~is~~ that has been introduced into ~~an~~ the animal cell, wherein the production amount potentiating factor is a factor having caspase activity inhibiting activity and/or protein biosynthesis activity potentiating action and said gene encoding the factor having caspase activity inhibiting activity and/or protein biosynthesis activity potentiating action consists of a baculovirus P35 gene, and the protein expressed by said transformed cell is one selected from the group consisting of ecarin, fibrinogen, and blood coagulation factor VIII.

25. (Currently Amended) A recombinant animal cell, comprising an animal cell that has been obtained from a mammal, ~~characterized by being~~ and has been transformed ~~in such a manner that~~with a protein production gene and a gene encoding a production amount potentiating factor ~~are~~ that have been introduced into ~~an~~ the animal cell, wherein the production amount

potentiating factor is a factor having caspase activity inhibiting activity and/or protein biosynthesis activity potentiating action and said gene encoding the factor having caspase activity inhibiting activity and/or protein biosynthesis activity potentiating action consists of a baculovirus P35 gene, and the protein expressed by said transformed cell is one selected from the group consisting of ecarin, fibrinogen, and blood coagulation factor VIII.

26-27. (Cancelled)

28. (Withdrawn - Currently amended) The recombinant animal cell according to claim ~~26~~24, ~~characterized in that~~wherein the gene encoding the factor having caspase activity inhibiting activity and/or protein biosynthesis activity potentiating action is an IAP family gene having a baculovirus IAP repeat sequence derived from an animal cell and a virus except for baculovirus.

29. (Cancelled)

30. (Currently amended) The recombinant animal cell according to claim ~~29~~24, ~~characterized in that~~wherein the ~~mammal-derived~~ animal cell is selected from the group consisting of a Chinese hamster ovary cell (CHO cell), a mouse myeloma cell, a BHK cell, a 293 cell, and a COS cell.

31. (Currently amended) The recombinant animal cell according to claim 30, ~~characterized in that the mammal-derived~~wherein the animal cell is any one of a Chinese hamster

ovary cell (CHO cell) DG44 strain, a BHK21 strain, and a mouse myeloma SP2/0 strain.

32. (Currently amended) The recombinant animal cell according to claim 25, ~~characterized in that~~wherein an expression vector for expressing a gene encoding both or any one of the protein production gene and the production amount potentiating factor, having a promoter selected from the group consisting of a SV40 early promoter, a SV40 late promoter, a cytomegalovirus promoter and a chicken β-actin promoter, as well as a marker gene selected from the group consisting of an aminoglycoside 3' phosphotransferase (neo) gene, a puromycin resistant gene, a dihydrofolate reductase (dhfr) gene, and a glutamine synthesis enzyme (GS) gene.

33. (Currently amended) The recombinant animal cell according to claim 24, ~~characterized in that~~wherein an expression vector having a chicken β-actin promoter and a baculovirus P35 gene is used.

34. (Currently amended) The recombinant animal cell according to claim 24, characterized in that an expression vector having a cytomegalovirus enhancer and a baculovirus P35 gene is used to introduce the gene into the animal cell.

35. (Currently amended) The recombinant animal cell according to claim 24, ~~characterized in that~~wherein the protein to be produced is a secretion protein.

36. (Currently amended) The recombinant animal cell according to claim 35, ~~characterized in that~~wherein the protein to be produced is ecarin.

37. (Currently amended) The recombinant animal cell according to claim 24, ~~characterized in that~~wherein the protein to be produced is a protein present in blood.

38. (Currently amended) The recombinant animal cell according to claim 35, ~~characterized in that~~wherein the protein to be produced is fibrinogen.

39. (Currently amended) The recombinant animal cell according to claim 35, ~~characterized in that~~wherein the protein to be produced is ~~a~~ blood coagulation factor VIII.

40. (Currently amended) The recombinant animal cell according to claim 25, ~~characterized in that~~wherein the protein production gene is ~~one gene~~ selected from a fibrinogen gene, an ecarin gene, ~~and~~ a factor VIII gene, and the gene encoding the production amount potentiating factor is baculovirus P35.

41. (Currently amended) A method for mass-producing a protein ~~by~~, said method comprising culturing the recombinant animal cell according to claim 24 ~~by a culturing method~~ under a culture condition so that apoptosis is not induced.

42. (Currently amended) The method according to claim 41, ~~characterized in that~~wherein the culturing method is any one

of a fed batch culturing method, a perfusion culturing method, and a culturing method using a nutrient-enriched medium.

43. (Currently amended) The method according to claim 41, ~~characterized in that~~wherein a serum-free medium is used.

44. (Currently amended) The method according to claim 41, ~~characterized in that~~wherein the protein has a production amount, which can be increased up to about 4,000 μg/ml.

45. (Currently amended) A method for preparing the ~~protein highly producing~~ recombinant animal cell according to claim 25, wherein ~~characterized in that the recombinant~~ the animal cell is transformed in such a manner that a protein production gene and a gene encoding a production amount potentiating factor are introduced into ~~an~~ the animal cell simultaneously or at different times.

46. (Currently amended) A protein ~~which is highly~~ produced ~~with the use of~~by the recombinant animal cell according to claim 24.